

FIG. 1

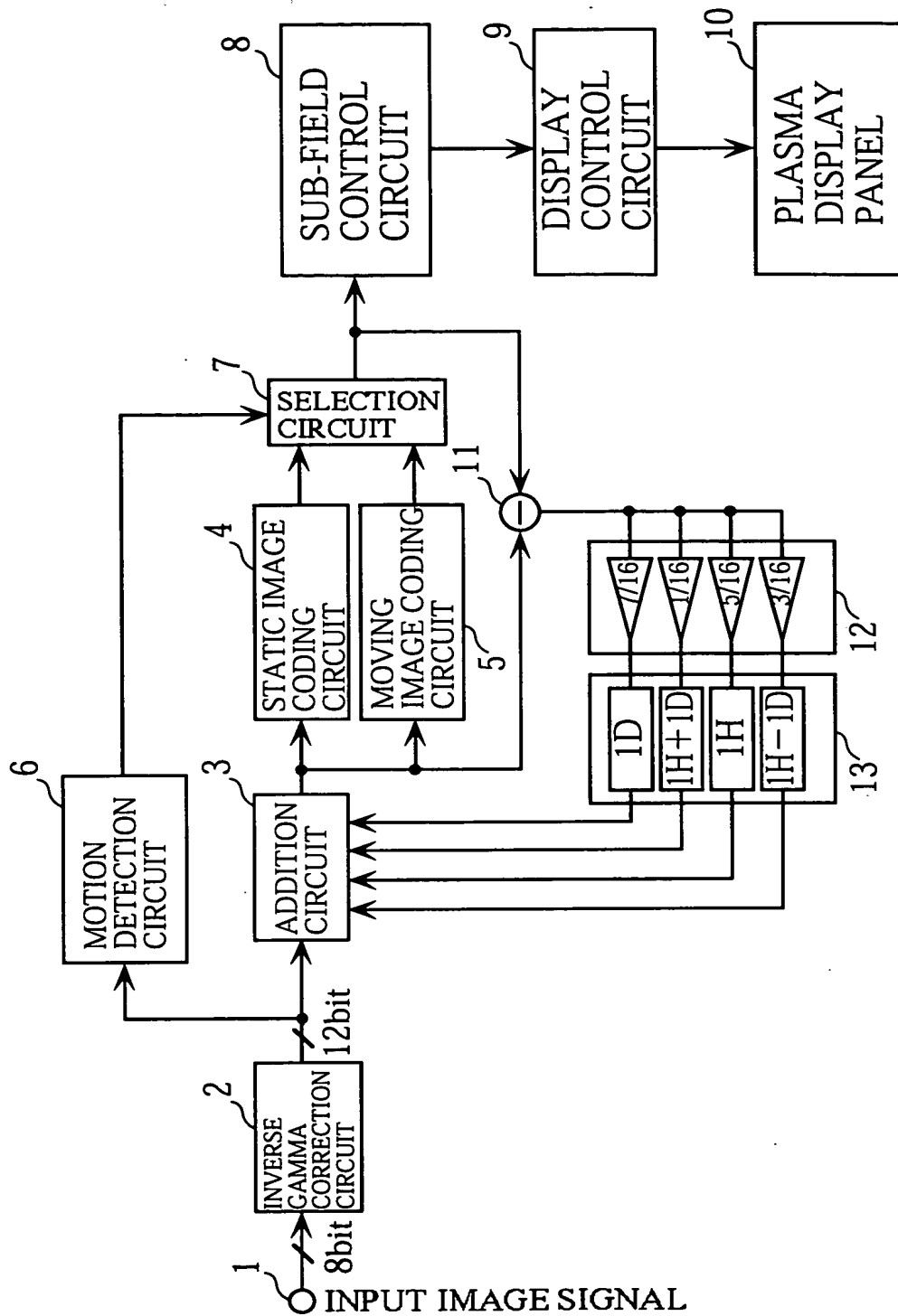


FIG.1

FIG.2

INPUT IMAGE SIGNAL	STATIC IMAGE CODING
0	0
1	1
2	2
3	3
4	5
5	5
6	6
:	:
9	10
10	10
11	11
12	12
13	13
14	15
15	15
16	16
:	:
20	20
30	30
40	40
50	50
60	60
70	70
80	80
91	91
101	101
111	111
119	119
130	130
140	140
150	150
160	160
170	170
180	180
191	191
201	201
211	211
221	221
231	231
240	240
250	250
260	260
273	273
283	283
293	293
300	300
310	310
320	320
330	330
340	340
350	350
360	360
370	370
380	380

41

41

41

FIG.3

INPUT IMAGE SIGNAL	MOVING IMAGE CODING
0	0
1	1
2	2
3	3
4	5
5	5
6	6
:	:
9	10
10	10
11	11
12	12
13	13
14	15
15	15
16	16
:	:
20	20
30	30
40	
50	
60	60
70	
80	
91	91
101	101
111	111
119	119
130	
140	
150	150
160	160
170	170
180	180
191	
201	
211	
221	221
231	231
240	240
250	250
260	260
273	
283	
293	
300	300
310	310
320	320
330	330
340	340
350	350
360	360
370	370
380	380

FIG. 4

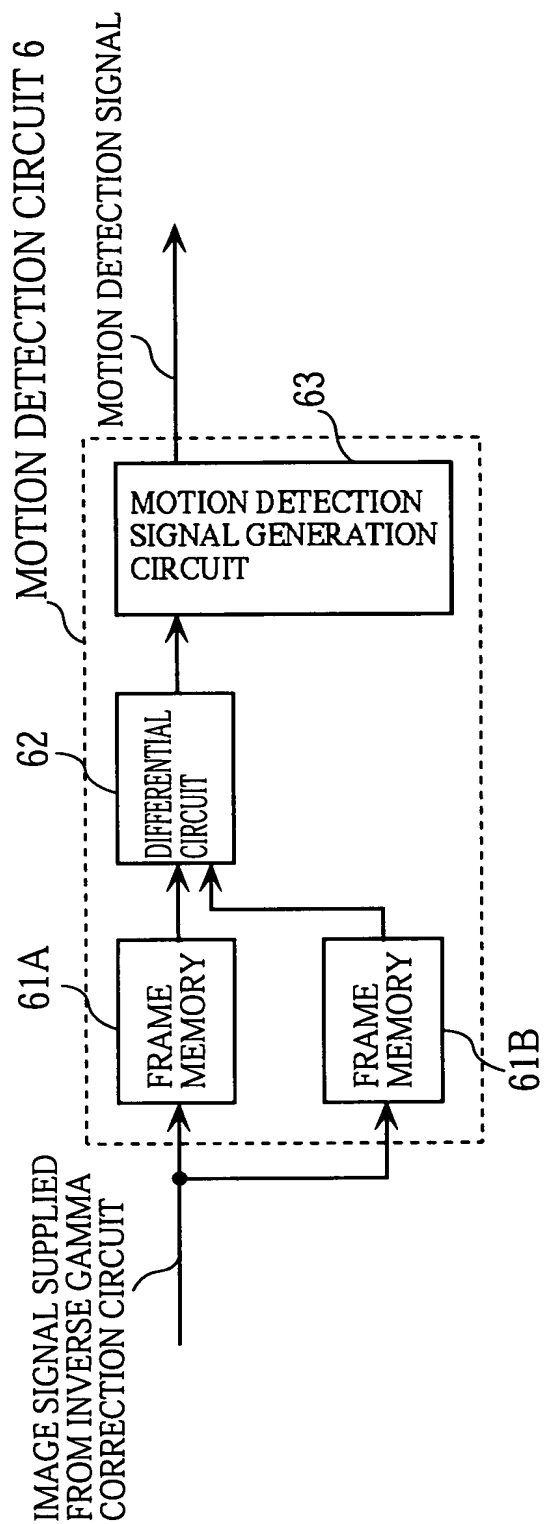


FIG.5

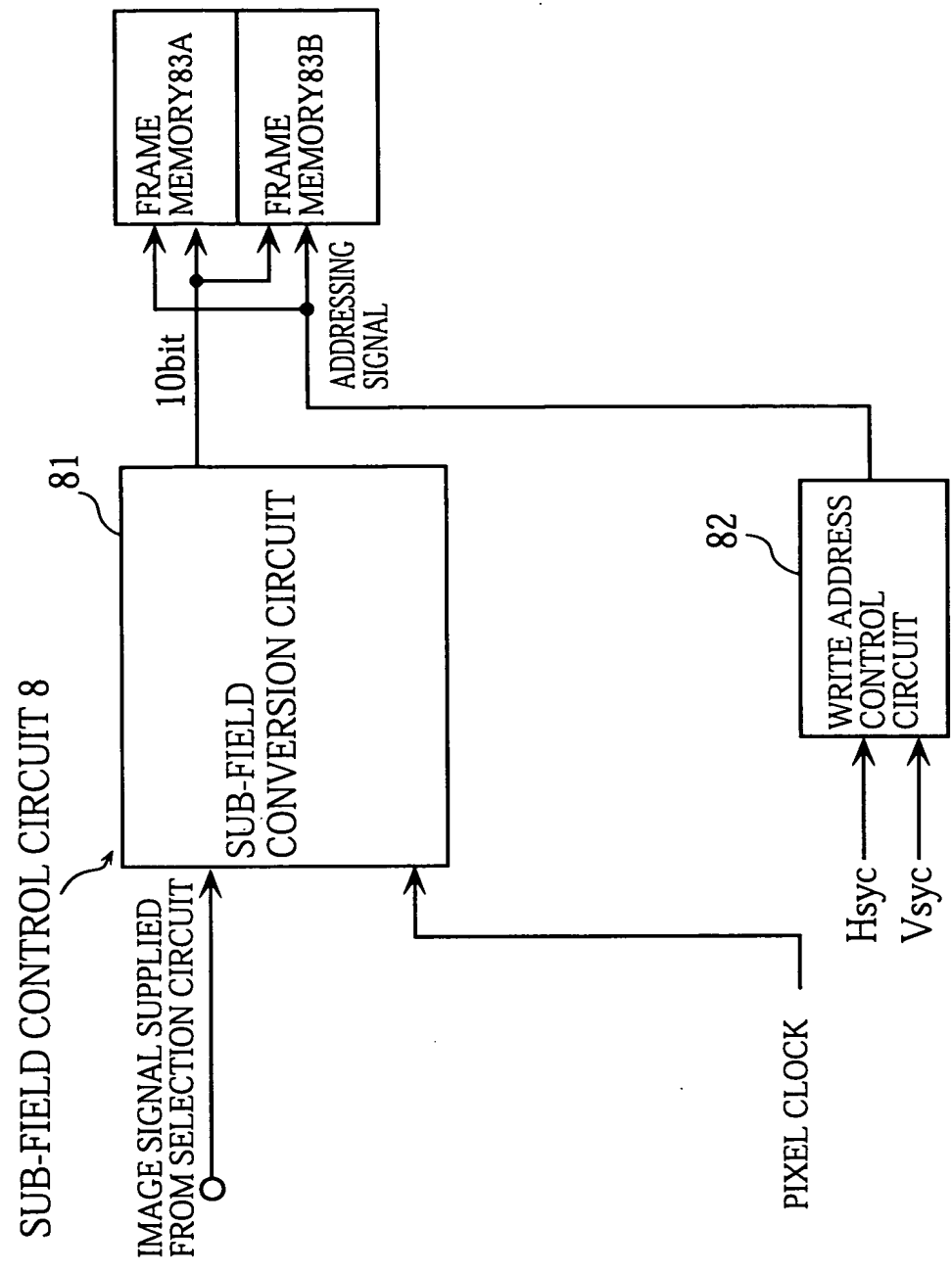
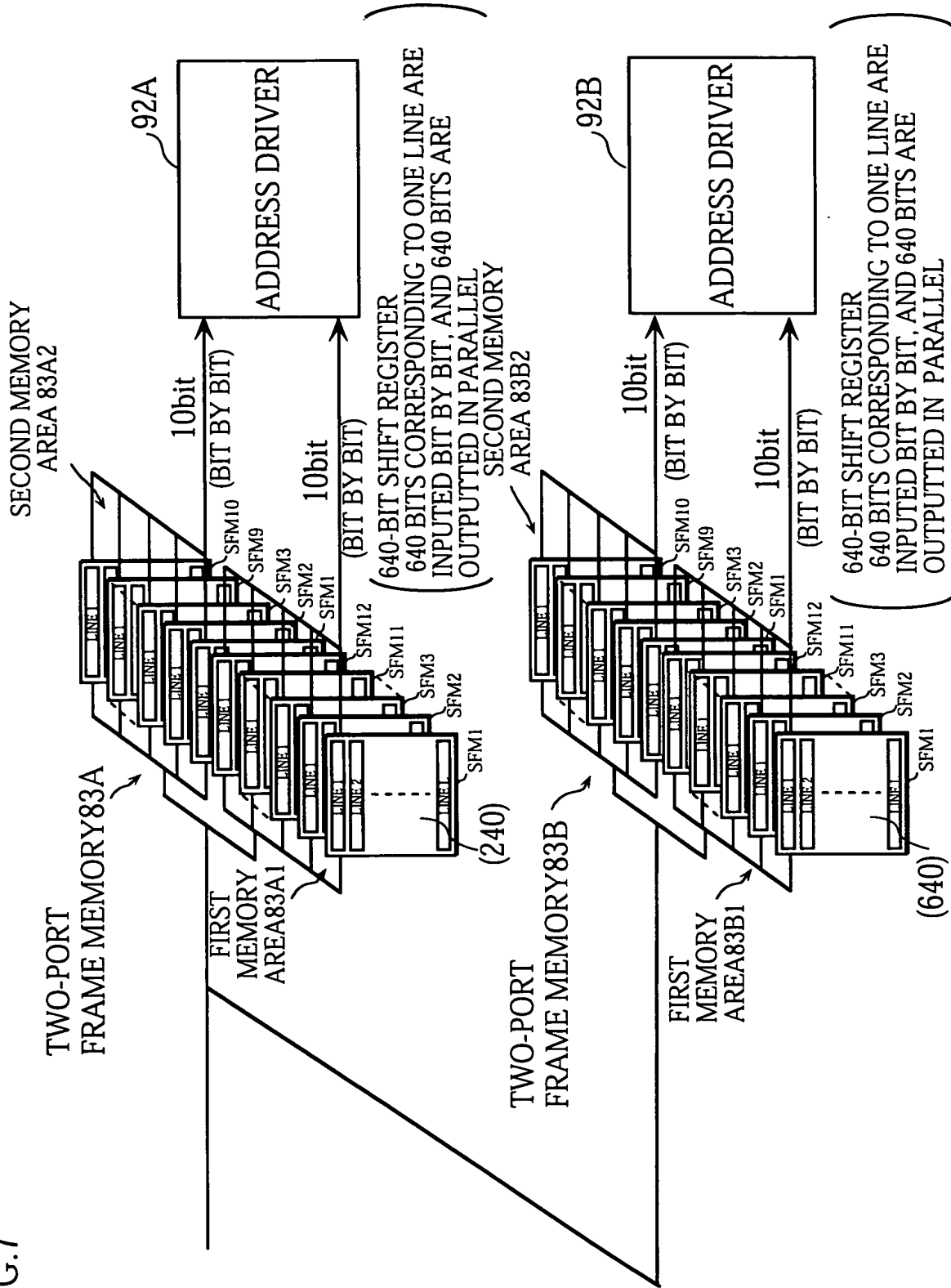


FIG. 6

INPUT IMAGE SIGNAL	LUMINANCE WEIGHT									
	1(SF1)	2(SF2)	5(SF3)	10(SF4)	20(SF5)	33(SF6)	48(SF7)	66(SF8)	87(SF9)	111(SF10)
0										
1	1									
2		1								
3	1	1								
5			1							
6	1		1							
:										
10				1						
11	1			1						
12		1		1						
13	1	1		1						
15			1	1						
16			1	1						
:										
20					1					
30				1	1					
40		1	1			1				
50		1	1	1		1				
60		1	1		1	1				
70		1			1		1			
80		1		1	1		1			
91				1		1	1			
101					1	1	1			
111				1	1	1	1			
119	1	1	1	1	1	1	1			
130	1			1	1	1		1		
140	1		1		1		1	1		
150	1	1				1	1	1		
160	1	1		1		1	1	1		
170	1	1			1	1	1	1		
180	1	1		1	1	1	1	1		
191	1	1			1	1	1		1	
201	1	1		1	1	1	1		1	
211			1		1	1		1	1	
221					1		1	1	1	
231				1	1		1	1	1	
240	1		1			1	1	1	1	
250	1		1	1		1	1	1	1	
260	1		1		1	1	1	1	1	
273			1	1		1	1	1		1
283			1		1	1	1	1		1
293			1	1	1	1	1	1		1
300	1	1				1		1	1	1
310	1	1		1		1		1	1	1
320	1	1			1	1		1	1	1
330	1	1		1	1	1		1	1	1
340	1	1	1		1		1	1	1	1
350			1			1	1	1	1	1
360			1	1		1	1	1	1	1
370			1		1	1	1	1	1	1
380			1	1	1	1	1	1	1	1

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FIG. 7



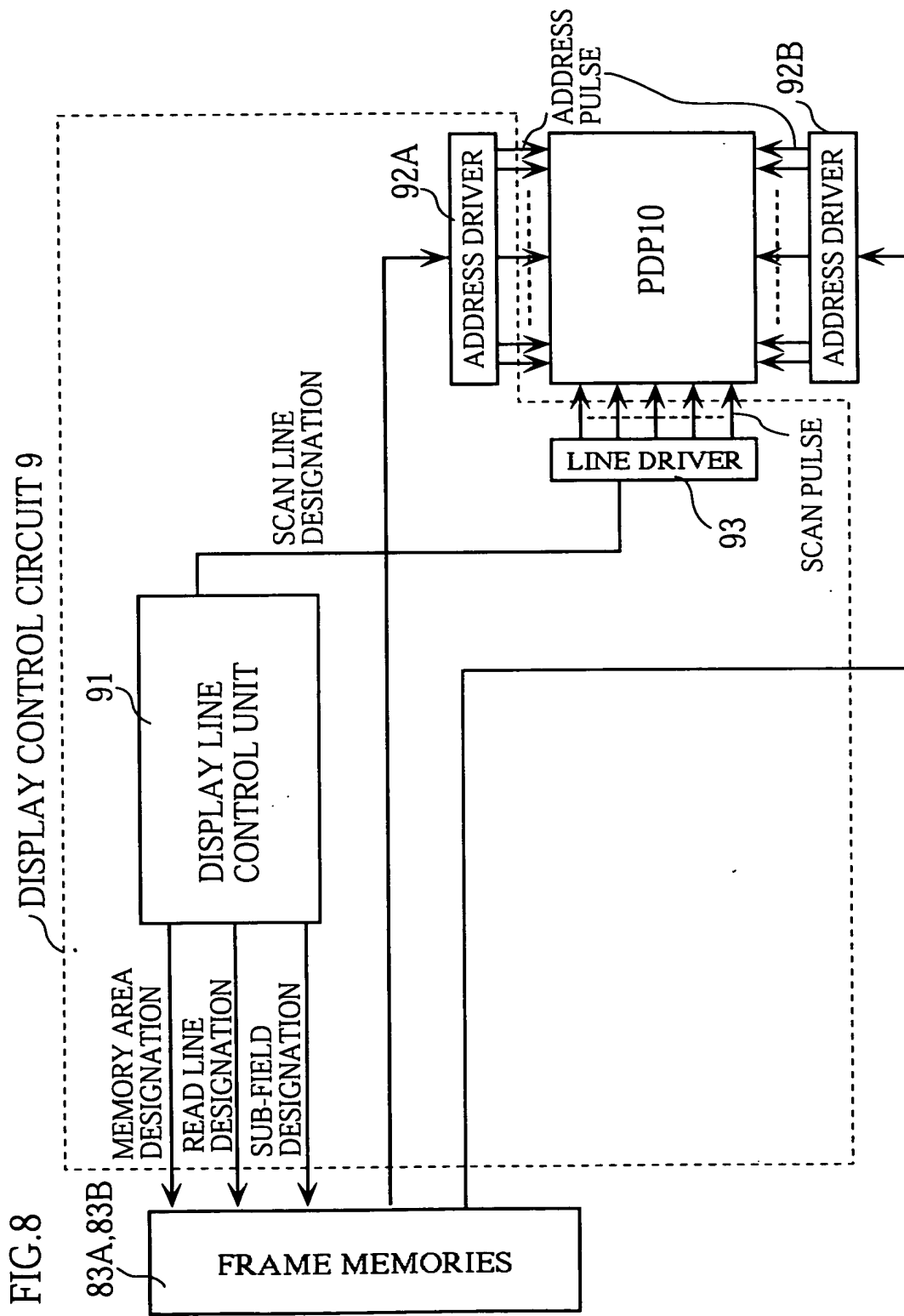


FIG. 9

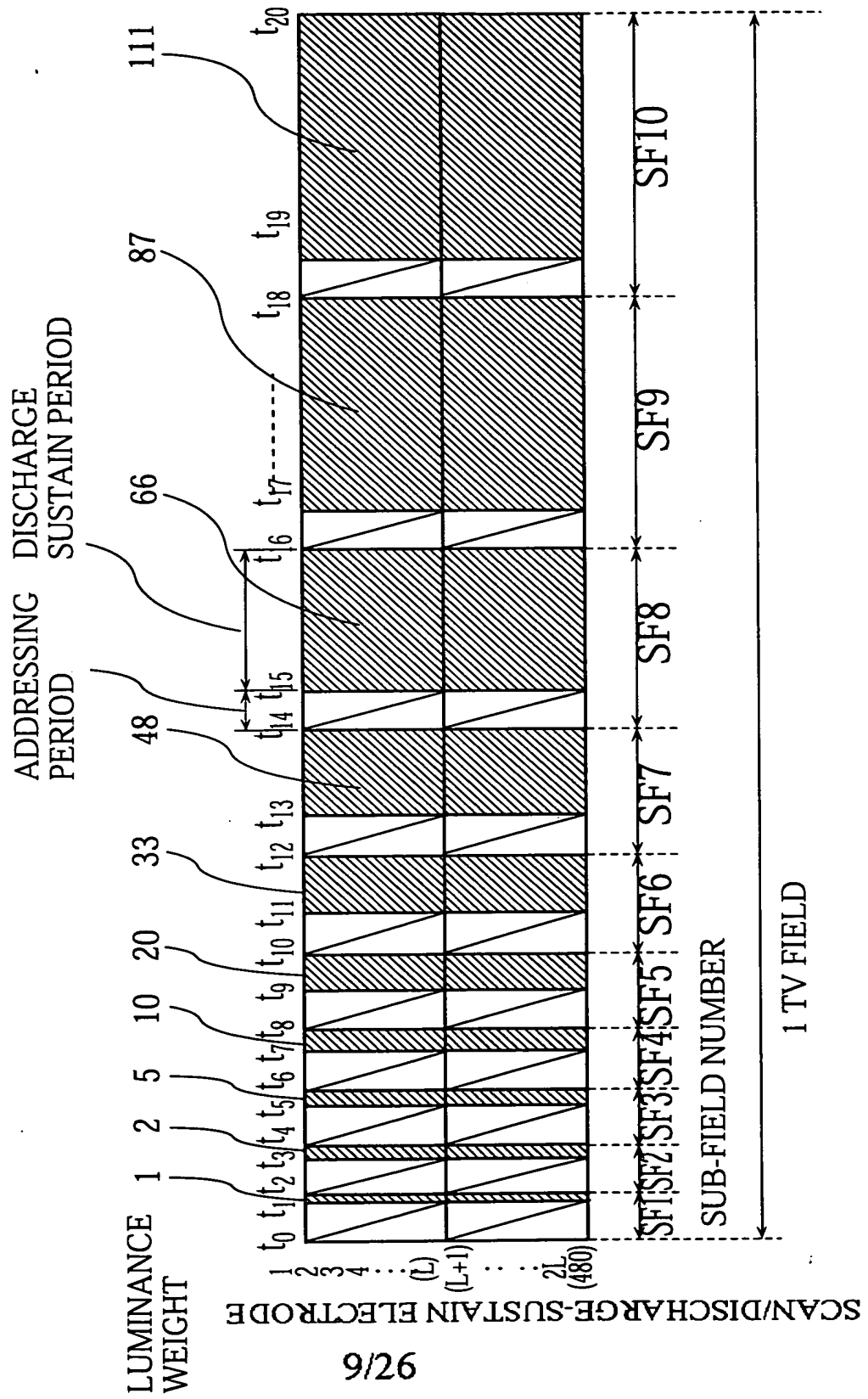
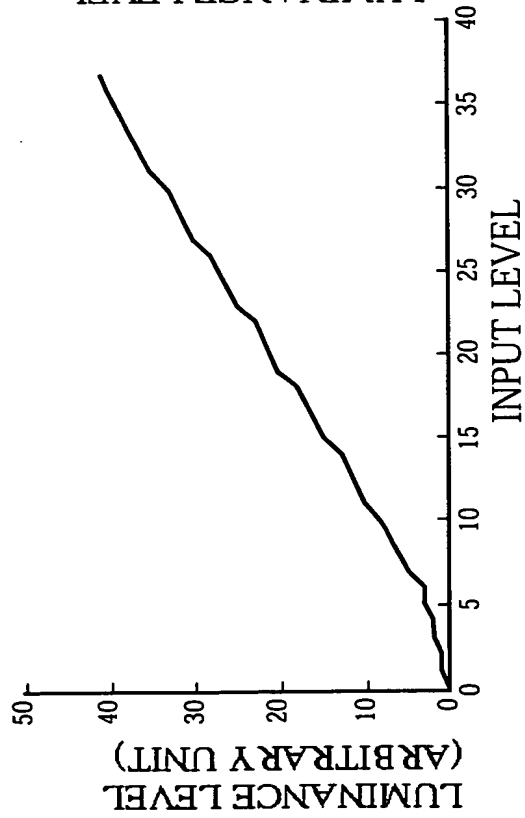


FIG.10

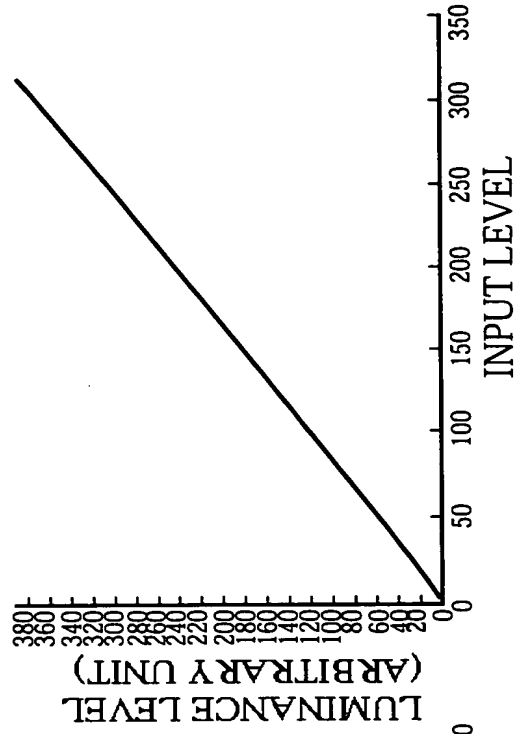
(a)

INPUT LEVEL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
LUMINANCE LEVEL	0	1	1	2	2	3	3	5	6	7	8	10	11	12	13	15	16	17	18	20	21	22	23	25	26	27	28	30	31	32	33	35	36	37	38	39	40	41

(b)



(c)



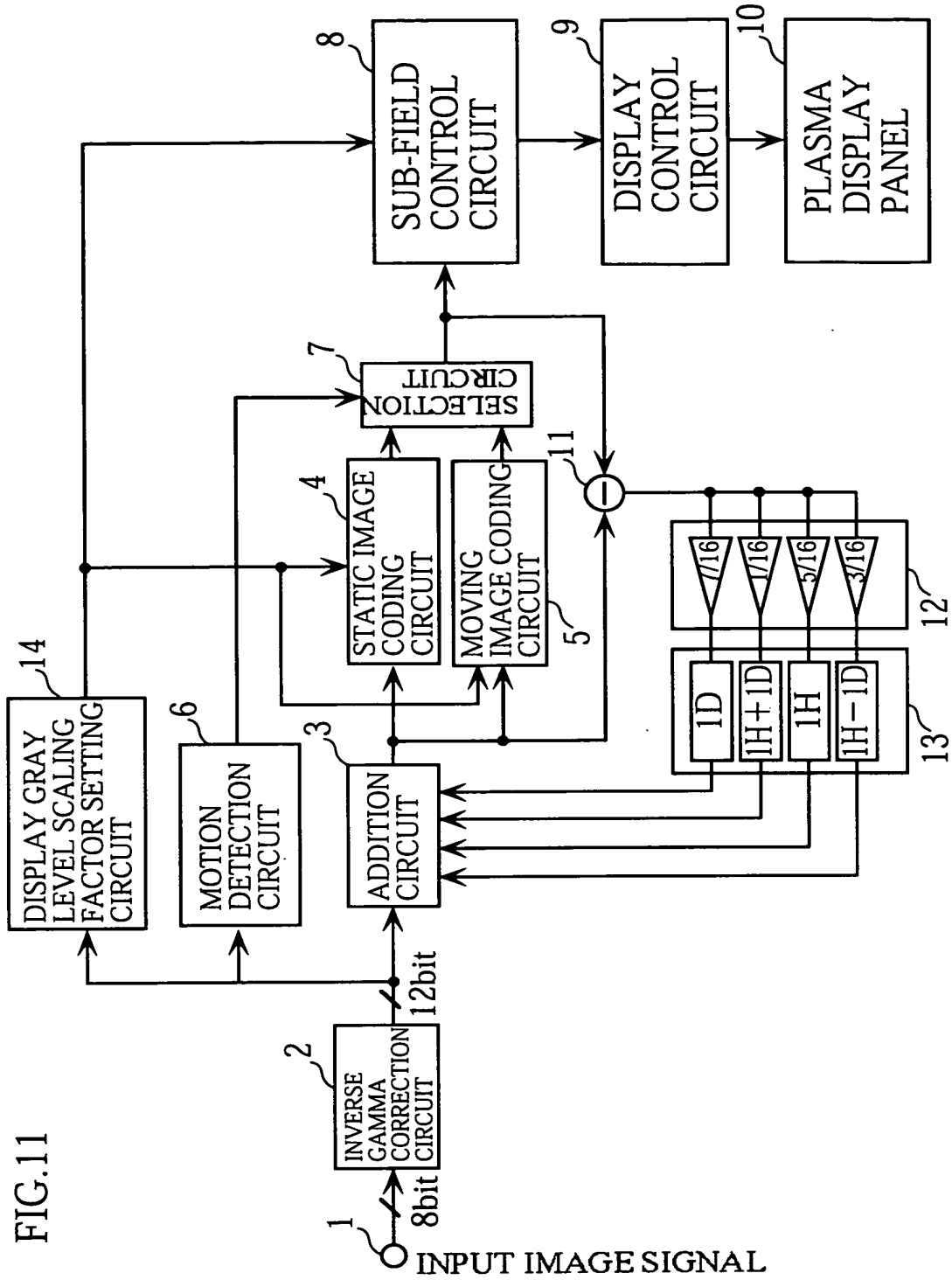


FIG.12

(a) K=1					
INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0					
1	1				
2		1			
3	1	1			
4	1		1		
5		1	1		
6	1	1	1		
7	1			1	
8		1		1	
9	1	1		1	
10	1		1	1	
11		1	1	1	
12	1	1	1	1	
13	1	1			1
14	1		1		1
15		1	1		1
16	1	1	1		1
17	1			1	1
18		1		1	1
19	1	1		1	1
20	1		1	1	1
21		1	1	1	1
22	1	1	1	1	1

(b) K=2					
INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0					
2	1				
4		1			
6	1	1			
8	1		1		
10		1	1		
12	1	1	1		
14	1			1	
16		1		1	
18	1	1		1	
20	1		1	1	
22		1	1	1	
24	1	1	1	1	
26	1	1			1
28	1		1		1
30		1	1		1
32	1	1	1		1
34	1			1	1
36		1		1	1
38	1	1		1	1
40	1		1	1	1
42		1	1	1	1
44	1	1	1	1	1

(c) K=3					
INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0					
3	1				
6		1			
9	1	1			
12	1		1		
15		1	1		
18	1	1	1		
21	1			1	
24		1		1	
27	1	1		1	
30	1		1	1	
33		1	1	1	
36	1	1	1	1	
39	1	1			1
42	1		1		1
45		1	1		1
48	1	1	1		1
51	1			1	1
54		1		1	1
57	1	1		1	1
60	1		1	1	1
63		1	1	1	1
66	1	1	1	1	1

(d) K=4					
INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0					
4	1				
8		1			
12	1	1			
16	1		1		
20		1	1		
24	1	1	1		
28	1			1	
32		1		1	
36	1	1		1	
40	1		1	1	
44		1	1	1	
48	1	1	1	1	
52	1	1			1
56	1		1		1
60		1	1		1
64	1	1	1		1
68	1			1	1
72		1		1	1
76	1	1		1	1
80	1		1	1	1
84		1	1	1	1
88	1	1	1	1	1

(e) K=5					
INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0					
5	1				
10		1			
15	1	1			
20	1		1		
25		1	1		
30	1	1	1		
35	1			1	
40		1		1	
45	1	1		1	
50	1		1	1	
55		1	1	1	
60	1	1	1	1	
65	1	1			1
70	1		1		1
75		1	1		1
80	1	1	1		1
85	1			1	1
90		1		1	1
95	1	1		1	1
100	1		1	1	1
105		1	1	1	1
110	1	1	1	1	1

FIG.13

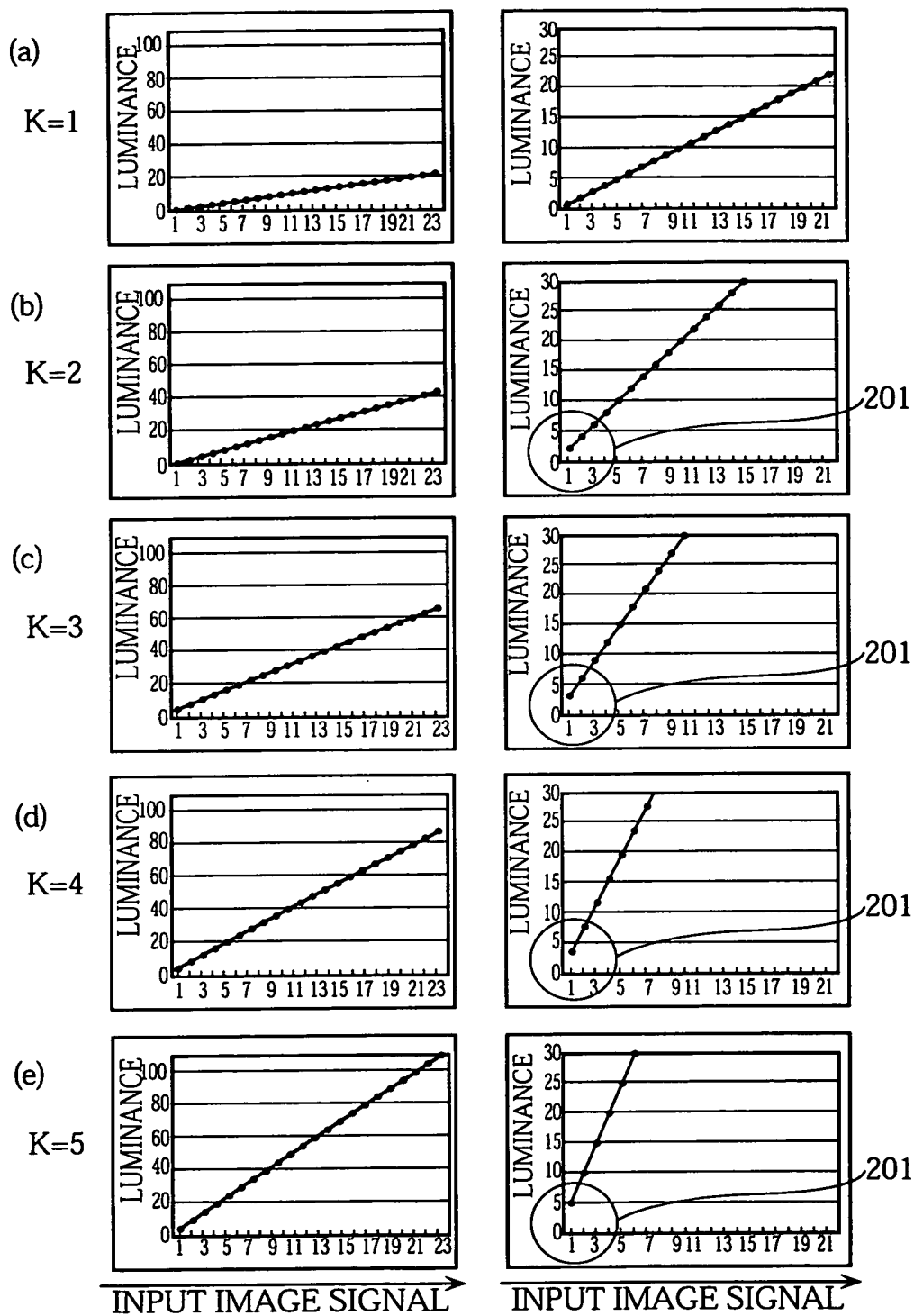


FIG.14

(a) K=1					
INPUT	SF1	SF2	SF3	SF4	SF5
IMAGE	1	2	3	6	10
SIGNAL					
0	1	1			
1					
2		1			
3	1	1			
4	1	1	1		
5	1	1	1		
6	1	1	1		
7	1	1	1	1	
8	1	1	1	1	
9	1	1	1	1	
10	1	1	1	1	
11	1	1	1	1	
12	1	1	1	1	1
13	1	1	1	1	1
14	1	1	1	1	1
15	1	1	1	1	1
16	1	1	1	1	1
17	1	1	1	1	1
18	1	1	1	1	1
19	1	1	1	1	1
20	1	1	1	1	1
21	1	1	1	1	1
22	1	1	1	1	1

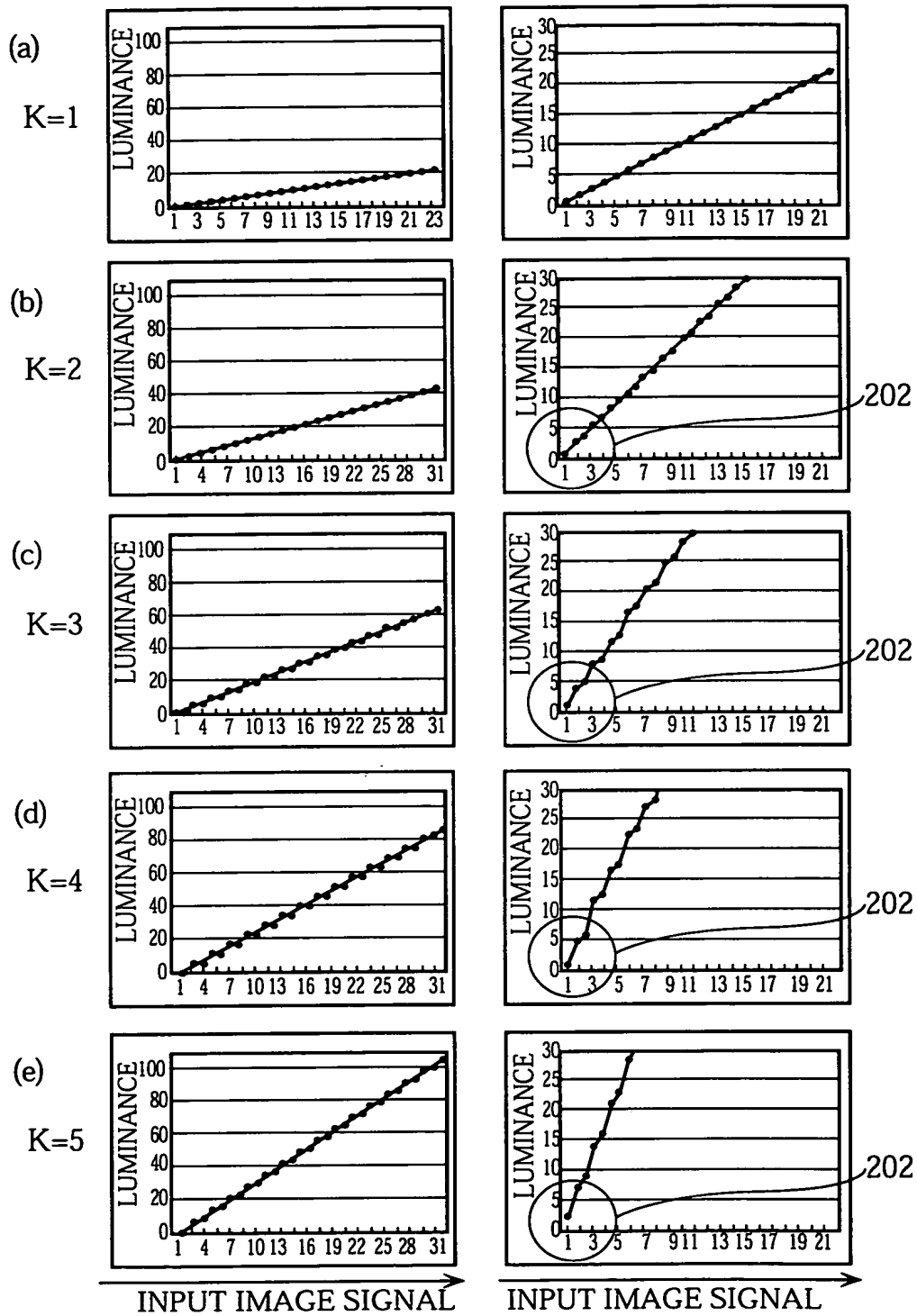
(b) K=2					
INPUT	SF1	SF2	SF3	SF4	SF5
IMAGE	1	3	6	11	23
SIGNAL					
0	1	1			
1					
2		1			
3		1			
4	1	1			
5			1		
6			1		
7	1		1		
8			1		
9		1	1		
10	1	1	1		
11				1	
12	1			1	
13				1	
14	1	1	1	1	
15	1	1	1	1	
16	1	1	1	1	
17	1	1	1	1	1
18	1	1	1	1	1
19	1	1	1	1	1
20	1	1	1	1	1
21	1	1	1	1	1
22	1	1	1	1	1
23	1	1	1	1	1
24	1	1	1	1	1
25	1	1	1	1	1
26	1	1	1	1	1
27	1	1	1	1	1
28	1	1	1	1	1
29	1	1	1	1	1
30	1	1	1	1	1
31	1	1	1	1	1
32	1	1	1	1	1
33	1	1	1	1	1
34	1	1	1	1	1
35	1	1	1	1	1
36	1	1	1	1	1
37	1	1	1	1	1
38	1	1	1	1	1
39	1	1	1	1	1
40	1	1	1	1	1
41	1	1	1	1	1
42	1	1	1	1	1
43	1	1	1	1	1
44	1	1	1	1	1

(c) K=3					
INPUT	SF1	SF2	SF3	SF4	SF5
IMAGE	1	4	8	17	36
SIGNAL					
0	1				
1					
2					
3					
4		1			
5		1			
6		1			
7		1			
8	1		1		
9			1		
10		1	1		
11		1	1		
12		1	1		
13	1	1	1		
14				1	
15				1	
16				1	
17				1	
18	1	1	1	1	
19	1	1	1	1	
20	1	1	1	1	
21	1	1	1	1	
22	1	1	1	1	
23	1	1	1	1	
24	1	1	1	1	
25	1	1	1	1	
26	1	1	1	1	
27	1	1	1	1	
28	1	1	1	1	
29	1	1	1	1	
30	1	1	1	1	
31	1	1	1	1	
32	1	1	1	1	
33	1	1	1	1	
34	1	1	1	1	
35	1	1	1	1	
36	1	1	1	1	
37	1	1	1	1	
38	1	1	1	1	
39	1	1	1	1	
40	1	1	1	1	
41	1	1	1	1	
42	1	1	1	1	
43	1	1	1	1	
44	1	1	1	1	
45	1	1	1	1	
46	1	1	1	1	
47	1	1	1	1	
48	1	1	1	1	
49	1	1	1	1	
50	1	1	1	1	
51	1	1	1	1	
52	1	1	1	1	
53	1	1	1	1	
54	1	1	1	1	
55	1	1	1	1	
56	1	1	1	1	
57	1	1	1	1	
58	1	1	1	1	
59	1	1	1	1	
60	1	1	1	1	
61	1	1	1	1	
62	1	1	1	1	
63	1	1	1	1	
64	1	1	1	1	
65	1	1	1	1	
66	1	1	1	1	

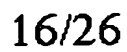
(d) K=4					
INPUT	SF1	SF2	SF3	SF4	SF5
IMAGE	1	5	12	23	47
SIGNAL					
0	1				
1					
2	1				
3					
4		1			
5		1			
6		1			
7		1			
8		1			
9		1			
10		1			
11		1			
12	1		1		
13	1		1		
14	1		1		
15	1		1		
16	1		1		
17	1		1		
18	1		1		
19	1		1		
20	1		1		
21	1		1		
22	1		1		
23	1		1		
24	1		1		
25	1		1		
26	1		1		
27	1		1		
28	1		1		
29	1		1		
30	1		1		
31	1		1		
32	1		1		
33	1		1		
34	1		1		
35	1		1		
36	1		1		
37	1		1		
38	1		1		
39	1		1		
40	1		1		
41	1		1		
42	1		1		
43	1		1		
44	1		1		
45	1		1		
46	1		1		
47	1		1		
48	1		1		
49	1		1		
50	1		1		
51	1		1		
52	1		1		
53	1		1		
54	1		1		
55	1		1		
56	1		1		
57	1		1		
58	1		1		
59	1		1		
60	1		1		
61	1		1		
62	1		1		
63	1		1		
64	1		1		
65	1		1		
66	1		1		
67	1		1		
68	1		1		
69	1		1		
70	1		1		
71	1		1		
72	1		1		
73	1		1		
74	1		1		
75	1		1		
76	1		1		
77	1		1		
78	1		1		
79	1		1		
80	1		1		
81	1		1		
82	1		1		
83	1		1		
84	1		1		
85	1		1		
86	1		1		
87	1		1		
88	1		1		

(e) K=5					
INPUT	SF1	SF2	SF3	SF4	SF5
IMAGE	2	7	14	29	58
SIGNAL					
0					
1					
2	1				
3					
4					
5					
6					
7		1			
8					
9		1			
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					
43					
44					
45					
46					
47					
48					
49					
50					
51					
52					
53					
54					
55					
56					
57					
58					
59					
60					
61					
62					
63					
64					
65					
66					
67					
68					
69					
70					
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81					
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85					
86					
87					
88					

FIG.15



FOR



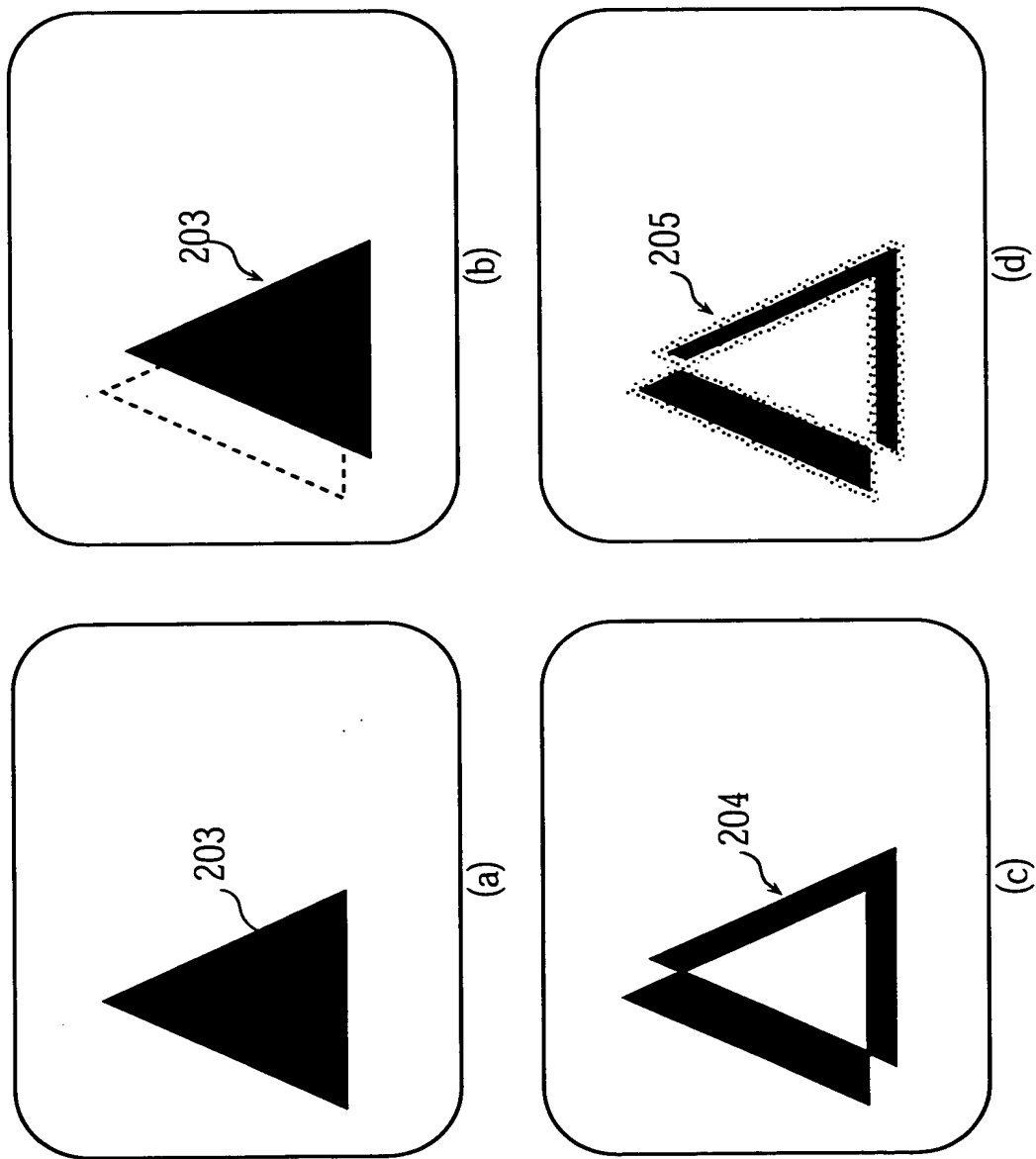


FIG. 17

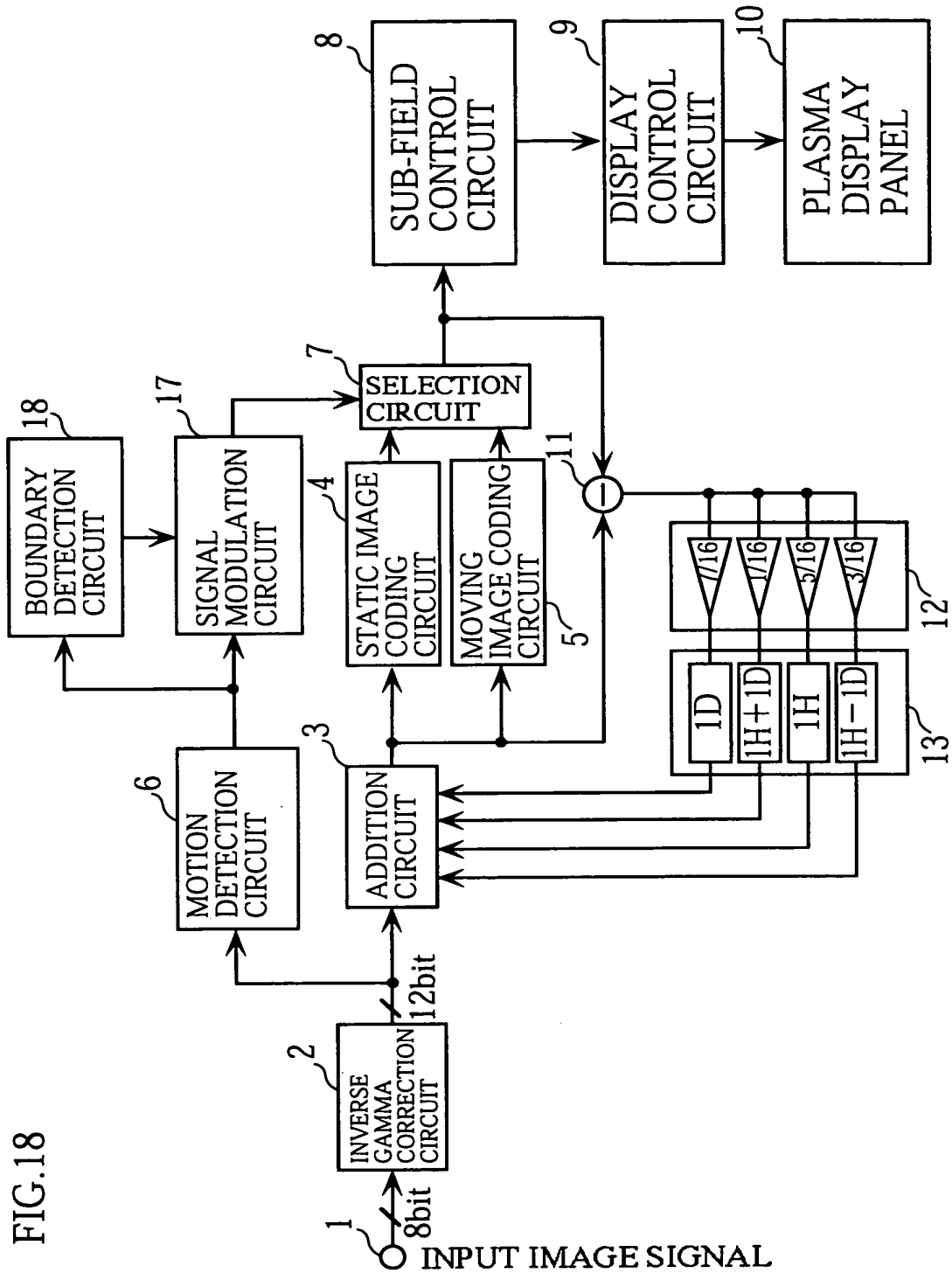


FIG.19

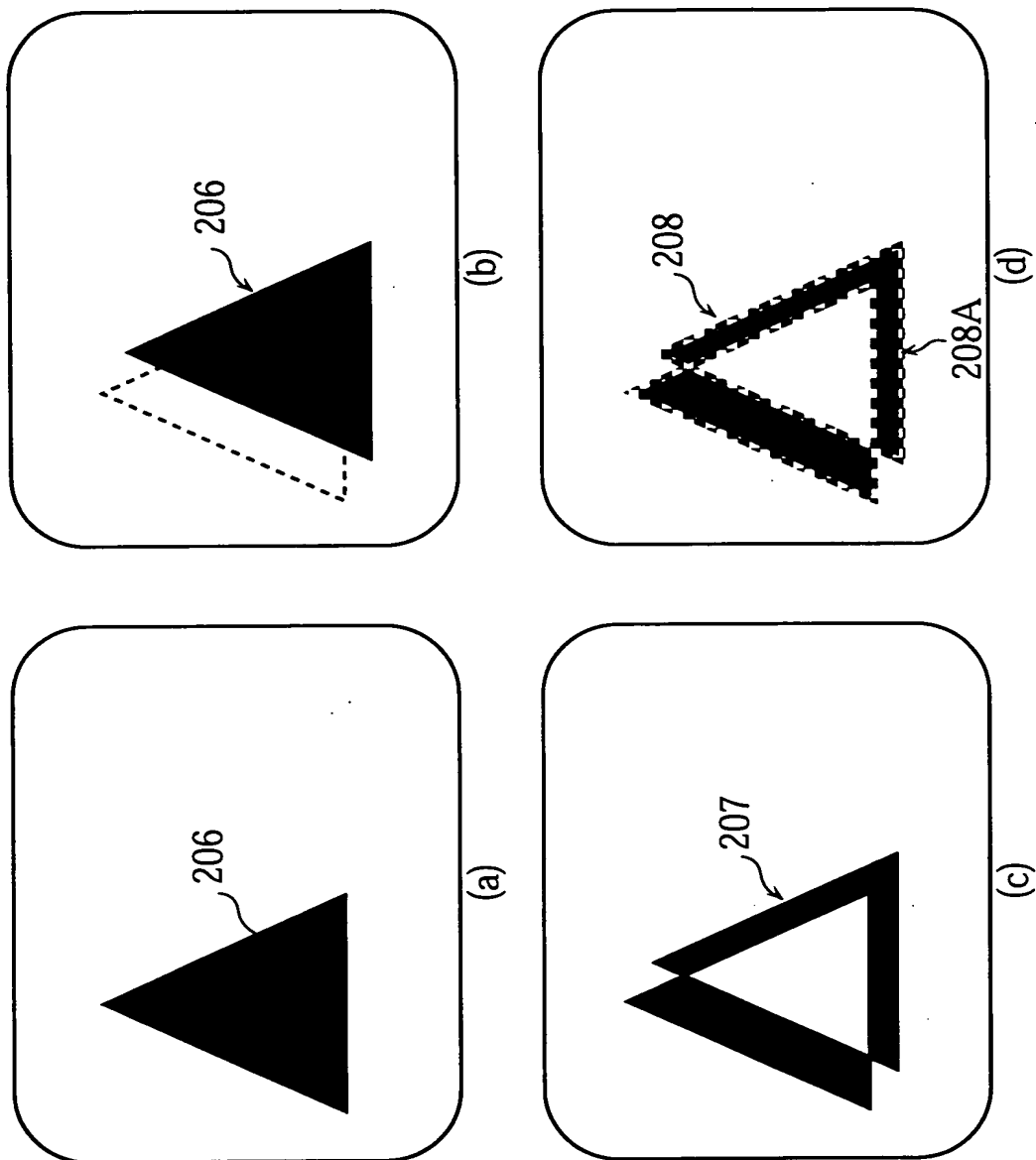


FIG. 20

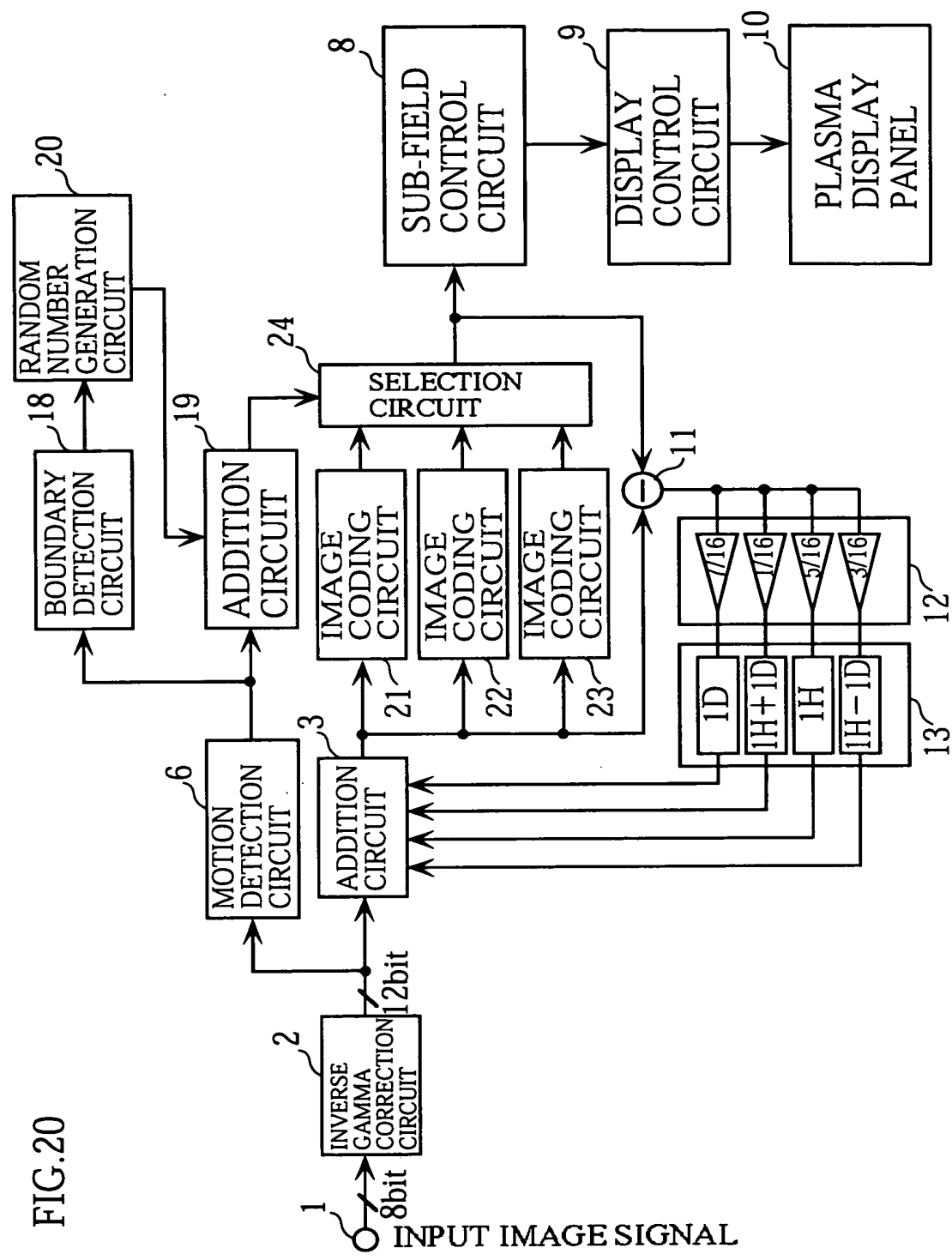


FIG.21

(a)

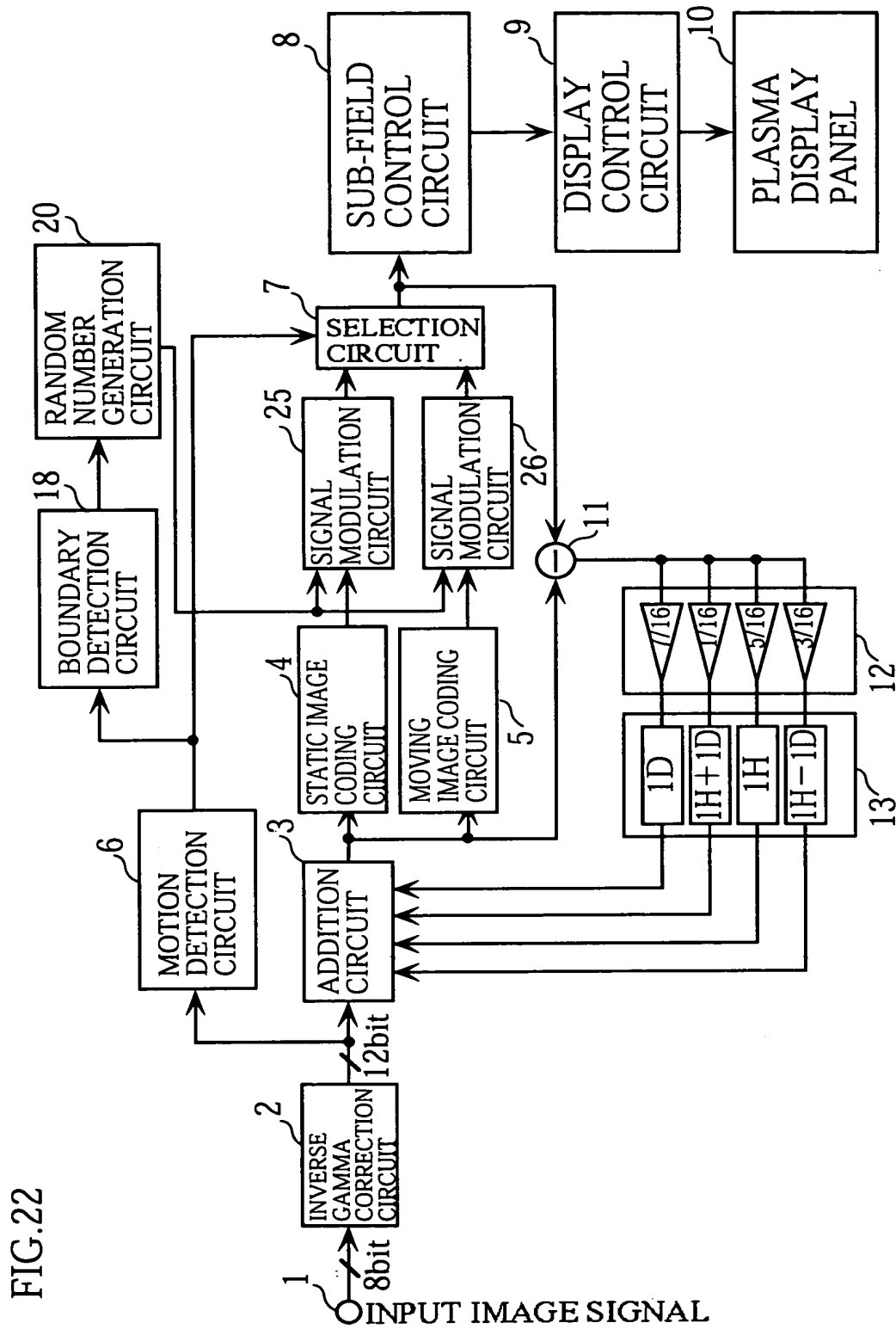
		SUB-FIELD LUMINANCE WEIGHTING							
		1	2	4	8	16	32	64	128
INPUT LEVEL	0								
	1	1							
	2		1						
	3	1	1						
	4			1					
	5	1		1					
	...								
	31	1	1	1	1	1			
	32						1		
	...								
	63	1	1	1	1	1	1		
	64							1	
	65	1						1	
	...								
	127	1	1	1	1	1	1	1	
	128								1
	129	1							1
	...								
	254		1	1	1	1	1	1	1
	255	1	1	1	1	1	1	1	1

(b)

		SUB-FIELD LUMINANCE WEIGHTING							
		1	2	4	8	16	32	64	128
INPUT LEVEL	0								
	1	1							
	2		1						
	3	1	1						
	4			1					
	5-6	1		1					
	7-8	1	1	1					
	9-12	1	1		1				
	13-18	1	1	1	1				
	19-26	1	1	1		1			
	27-38	1	1	1	1	1			
	39-54	1	1	1	1		1		
	55-78	1	1	1	1	1	1		
	79-110	1	1	1	1	1		1	
	111-158	1	1	1	1	1	1	1	
	159-222	1	1	1	1	1	1		1
	223-255	1	1	1	1	1	1	1	1

(c)

		SUB-FIELD LUMINANCE WEIGHTING							
		1	2	4	8	16	32	64	128
INPUT LEVEL	0								
	1-2	1							
	3-5	1	1						
	6-11	1	1	1					
	12-23	1	1	1	1				
	24-47	1	1	1	1	1			
	48-95	1	1	1	1	1	1		
	96-191	1	1	1	1	1	1	1	
	192-255	1	1	1	1	1	1	1	1



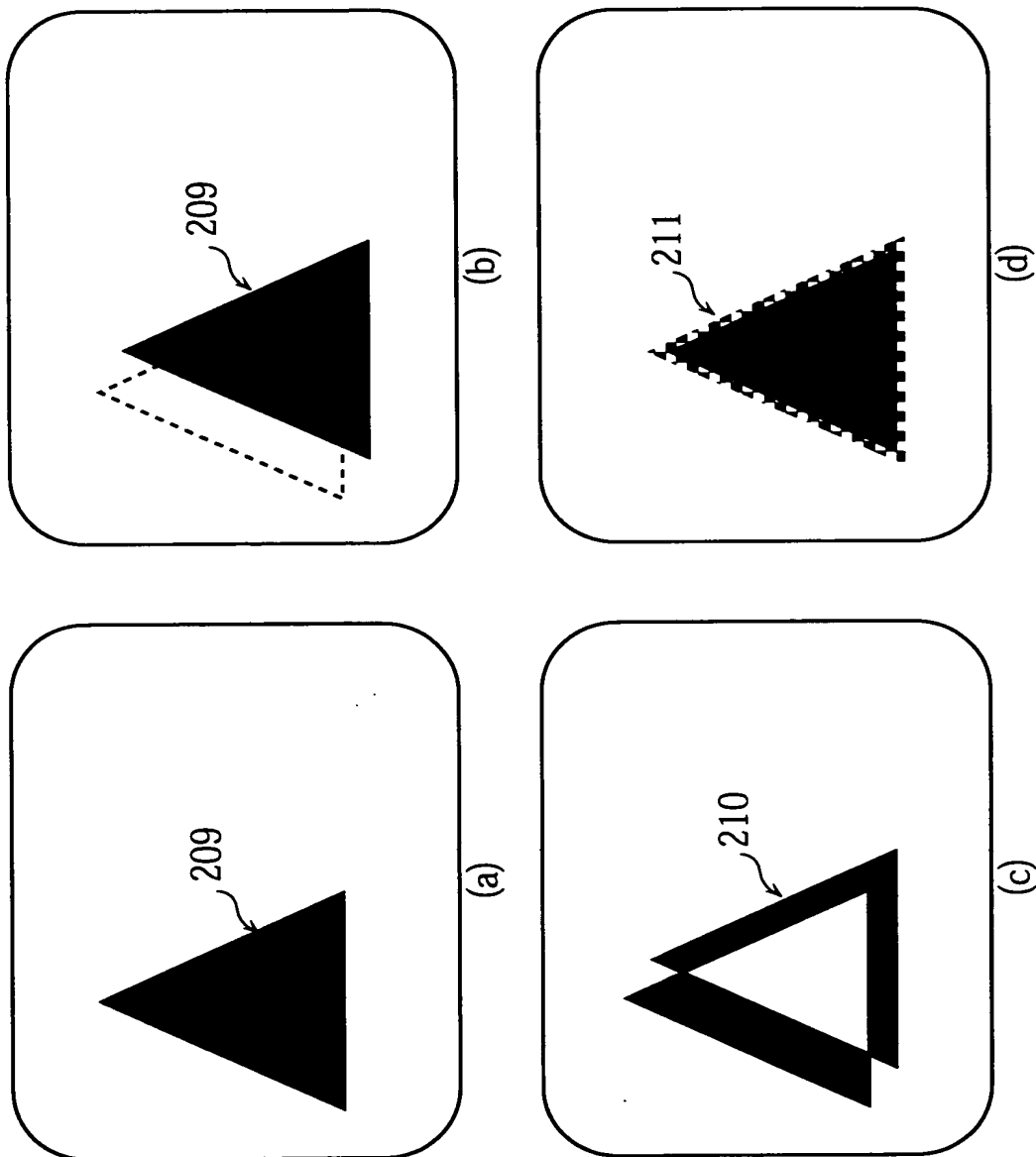
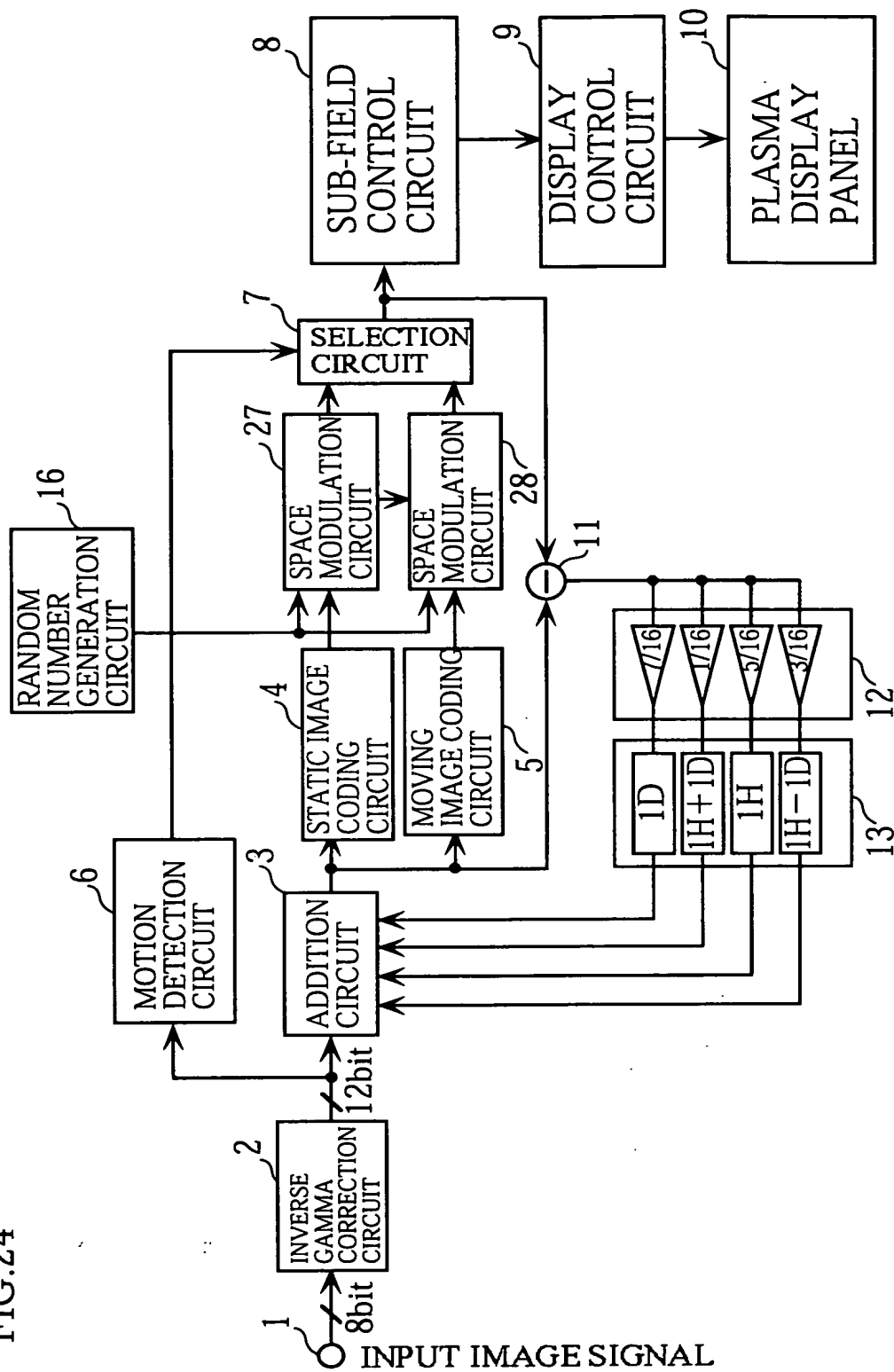


FIG. 23

FIG. 24



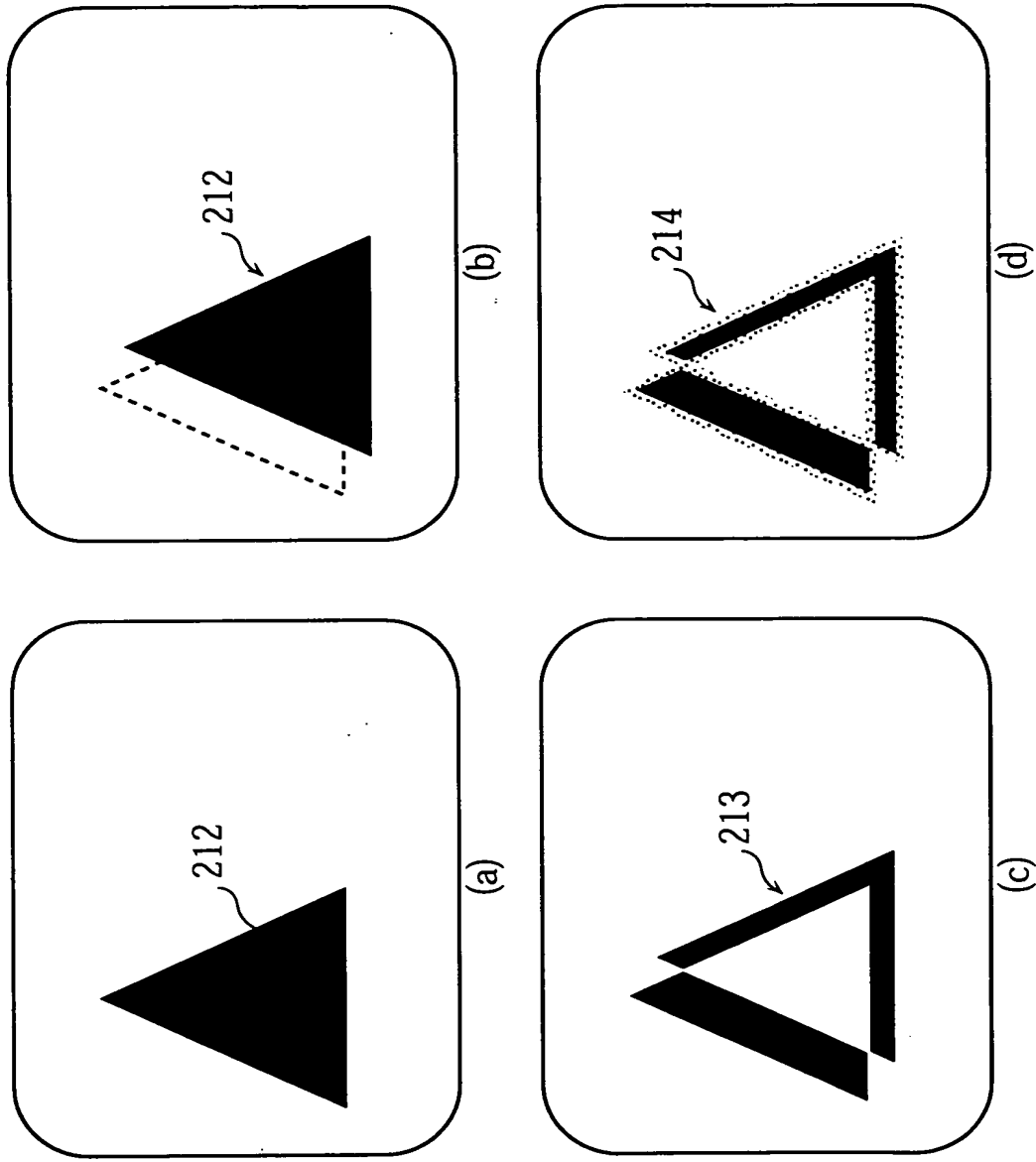


FIG. 25

FIG.26

(a)

INPUT IMAGE SIGNAL	SF1	SF2	SF3	SF4	SF5
0	1				
1	1				
3		1			
4	1	1			
7			1		
8	1		1		
10		1	1		
11	1	1	1		
15				1	
16	1			1	
18		1		1	
19	1	1		1	
22			1	1	
23	1		1	1	
25		1	1	1	
26	1	1	1	1	
29					1
30	1				1
32		1			1
33	1	1			1
36			1		1
37	1		1		1
39		1	1		1
40	1	1	1		1
44				1	1
45	1			1	1
47		1		1	1
48	1	1		1	1
51			1	1	1
52	1		1	1	1
54		1	1	1	1
55	1	1	1	1	1

★ ★ ★ ★ ★

